

ABSTRACT OF THE DISCLOSURE

A device and method and a distribution medium for performing image processing with a low-cost are provided, in which a main CPU issues instructions to a rendering engine to perform convolution filtering operations using rendering commands. In response to these instructions, the rendering engine repeatedly executes a process by which values calculated by computing convolution filter coefficients on the image data of the texture area of an image memory are overwritten in the rendering area, and thereby executes convolution filtering.

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